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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT FOR PATENT (Use several sheets if necessary) | | | | | ATTY. DOCKET NO.: DX0725K2B | SERIAL NO.: 09/770,528 |
| | | | | | APPLICANT: Joseph A. HEDRICK, et al. | |
| | | | | | FILING DATE: January 25, 2001 | GROUP: 1646 1647 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE IF APPROPRIATE |
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FOREIGN PATENT DOCUMENTS

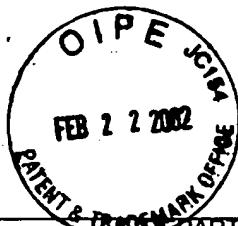
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|------------|----|-----------------|---------|---------|-------|-----------|-------------|
| | | | | | | | YES |
| <i>ECK</i> | AA | EP 0 541 920 A1 | 5/19/93 | EPO | — | — | X — |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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|------------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>ECK</i> | AB | P.E. Auron, et al., GenPept, Accession Number 124303, July 15, 1998. Definition: INTERLEUKIN-1 BETA PRECURSOR (IL-1 BETA) (CATABOLIN)" |
| | AC | J. Fernando Bazan, et al., Nature, 379:591, February 15, 1996. "A newly defined interleukin-1?" |
| | AD | Marcia P. Belvin, et al., Annu. Rev. Cell Dev. Biol., 12:393-416, 1996. "A CONSERVED SIGNALING PATHWAY: The Drosophila Toll-Dorsal Pathway" |
| | AE | M.J. Carrier, GenBank, Accession Number X64532, June 25, 1997. Definition: "H.sapiens gene for interleukin-1 receptor antagonist" |
| | AF | D.B. Carter, et al., GenPept, Accession Number 124312, July 15, 1998. Definition: INTERLEUKIN-1 RECEPTOR ANTAGONIST PROTEIN PRECURSOR (IL-1RA) (ICIL-1RA) (IRAP)" |
| | AG | Fabio Cominelli, et al., Journal of Biological Chemistry, 296(9):6962-6971, March 4, 1994. "Rabbit Interleukin-1 Receptor Antagonist" |
| | AH | F. Cominelli, et al., GenBank, Accession Number S68977, September 22, 1994. Definition: "sIL-1ra=interleukin-1 receptor antagonist secreted form [rabbits, colon tissue, mRNA, 574 nt.]" |
| | AI | Charles A. Dinarello, Blood, 77(8):1627-1652, April 15, 1991. "Interleukin-1 and Interleukin-1 Antagonism" |
| | AJ | Charles A. Dinarello, The FASEB Journal, 8:1314-1325, December 1994. "The interleukin-1 family: 10 years of discovery" |
| | AK | W.H. Gilmore, et al., GenBank, Accession Number Z70047, March 11, 1996. Definition: "C.familiaris mRNA for interleukin-1 beta" |
| ↓ | AL | F. Goto, et al., GenBank, Accession Number D21832, April 21, 1994. Definition: "Rabbit mRNA for interleukin-1 receptor antagonist, complete cds." |

| EXAMINER | DATE CONSIDERED |
|------------------------------|-----------------|
| <i>Elizabeth C. Kemmerer</i> | 6/3/02 |

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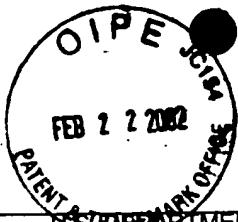
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | |
| Q96 | AM | Angela M. Gronenborn, et al., <u>Protein Engineering</u> , 4(3):263-269, 1991. "Modeling the three-dimensional structure of the monocyte chemo-attractant and activating protein MCAF/MCP-1 on the basis of the solution structure of interleukin-8" | | | |
| | AN | H. Hamada and R.C. Mulligan, et al., <u>GenBank</u> , Accession Number M57526, January 30, 1992. Definition: "Rabbit interleukin-1 receptor antagonist (IL1RA) mRNA, complete cds." | | | |
| | AO | C.H. Hannon, et al., <u>GenBank</u> , Accession Number I09591, November 14, 1994. Definition: "Sequence 1 from Patent WO 8911540" | | | |
| | AP | C.H. Hannon, et al., <u>GenBank</u> , Accession Number I09592, November 14, 1994. Definition: "Sequence 3 from Patent WO 8911540" | | | |
| | AQ | J.K. Jenkins, et al., <u>GenBank</u> , Accession Number U65590, December 22, 1997. Definition: "Homo sapiens IL-1 receptor antagonist IL-1Ra (IL-1RN) gene, alternatively spliced forms, complete cds." | | | |
| | AR | Bruno Lemaitre, et al., <u>Cell</u> , 86:973-983, September 20, 1996. "The Dorsoventral Regulatory Gene Cassette spätzle/Toll/cactus Controls the Potent Antifungal Response in Drosophila Adults" | | | |
| | AS | S.R. Leong, <u>GenBank</u> , Accession Number X12497, March 13, 1995. Definition: "Bovine mRNA for interleukin-1 alpha" | | | |
| | AT | Patricia J. Lodi, et al., <u>Science</u> , 263:1762-1766, March 25, 1994. "High-Resolution Solution Structure of the β Chemokine hMIP-1 β by Multidimensional NMR" | | | |
| | AU | C.R. Maliszewski, <u>GenBank</u> , Accession Number X52731, March 31, 1995. Definition: "Pig mRNA for interleukin 1-alpha" | | | |
| | AV | C.J. March, et al., <u>GenPept</u> , Accession Number 124297, October 1, 1996. Definition: "INTERLEUKIN-1 ALPHA PRECURSOR (IL-1 ALPHA (HEMATOPOIETIN-1))" | | | |
| | AW | M. Marra, et al., <u>GenBank</u> , Accession Number AA030324, January 21, 1997. Definition: "mi08c10.r1 Soares mouse placenta 4NbMP13.5 14.5 Mus musculus cDNA clone 459858 5', mRNA sequence" | | | |
| | AX | M. Marra, et al., <u>GenBank</u> , Accession Number W08205, September 5, 1996. Definition: "mb49b11.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 332733 5' similar to PIR:A49031 A49031 interleukin 1 receptor antagonist - mouse ;, mRNA sequence" | | | |
| | AY | Y. Masaaki, et al., <u>GenBank</u> , Accession Number E01109, November 26, 1996. Definition: "cDNA sequence of human IL-1" | | | |
| \ | AZ | Y. Masaaki, et al., <u>GenBank</u> , Accession Number E01442, November 26, 1996. Definition: "cDNA encoding human IL-1" | | | |
| EXAMINER <i>Elizabeth C. Kemmerer</i> | | DATE CONSIDERED <i>2/3/02</i> | | | |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | |
| BA | T. Nishida, et al., <u>GenBank</u> , Accession Number D00403, January 19, 1992. Definition: "Rat interleukin-1 alpha mRNA, complete cds." | | | | |
| BB | Haruki Okamura, et al., <u>Nature</u> , 378:88-91, November 2, 1995. "Cloning of a new cytokine that induces IFN-γ production by T cells" | | | | |
| BC | Joost J. Oppenheim, et al., <u>Ann. Rev. Immunol.</u> 9:617-648, 1991. "Properties of the Novel Proinflammatory Supergene 'Intercrine' Cytokine Family" | | | | |
| BD | Helge Rothe, et al., <u>The Journal of Clinical Investigation</u> , 99(3):469-474, February 1997. "Active Stage of Autoimmune Diabetes Is Associated with the Expression of a Novel Cytokine, IGIF, Which Is Located Near <i>Idd</i> 2" | | | | |
| BE | Roger A. Sayle, et al., <u>TIBS</u> , 20:374-376, September 1995. "RAMSOL: biomolecular graphics for all" | | | | |
| BF | H.F. Seow, <u>GenBank</u> , Accession Number X56972, May 26, 1992. Definition: "Ovine IL-1 beta mRNA for interleukin-1 beta" | | | | |
| BG | J.L. Telford, et al., <u>GenBank</u> , Accession Number X04964, September 16, 1994. Definition: "Murine interleukin-1 beta gene" | | | | |
| BH | K. Totsuka, et al., <u>GenBank</u> , Accession Number D63353, February 13, 1997. Definition: "Cynomolgus monkey mRNA for interleukin-1-beta" | | | | |
| BI | S. Ushio, et al., <u>GenPept</u> , Accession Number 1405319, July 5, 1996. Definition: "interferon-gamma inducing factor (IGIF)" | | | | |
| BJ | K. Zahedi, et al., <u>GenBank</u> , Accession Number M74294, August 23, 1991. Definition: "Mouse IL-1rn antagonist protein mRNA, complete cds." | | | | |
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